

Converting Colors

YIQ(133.3010, -45.3030,
22.5770)

Have a look what the booklet for
YIQ(133.3010, -45.3030, 22.5770)
contains.

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Color

**YIQ(133.3010, -45.3030,
22.5770)**

Conversions

Conversions Part 1

Format	Color
Hex	6883DE
RGB	104, 131, 222
RGB Percent	41%, 51%, 87%
CMY	0.5921, 0.4862, 0.1297
CMYK	0.53, 0.41, 0.00, 0.13
HSL	226°, 64%, 64%
HSV	226°, 53%, 87%
XYZ	27.0028, 24.4492, 72.3584
YIQ	133.3010, -45.3030, 22.5770

Conversions

Conversions Part 2

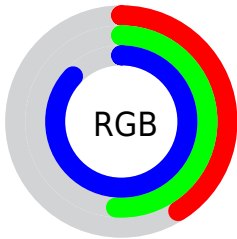
Format	Color
RYB	104, 126, 222
Decimal	6849502
CIELab	56.53, 16.05, -49.47
CIELCh	57, 52.008, 287.970
Yxy	24.4492, 0.2181, 0.1975
Android (android.graphics.Color)	4285039582 (0xFF6883DE)
YUV	133.3010, 43.7286, -25.6970
Hunter-Lab	49.4461, 10.9493, -52.1515

Details

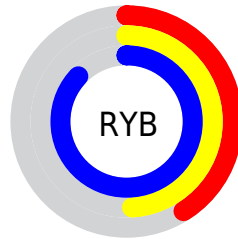
The YIQ color **133.3010, -45.3030, 22.5770** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **192.6990, 45.3030, -22.5770**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.5160, -35.9030, 17.4170**, and **79.3170, -51.4000, 17.4320** is the 20% darker color. If you saturate the color by 10%, you get **116.7440, -53.7400, 26.8040**, and if you desaturate by 10%, it is **149.8580, -36.8660, 18.3500**.

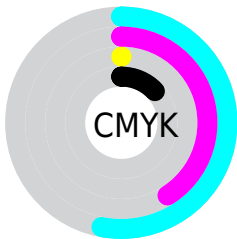
Distribution



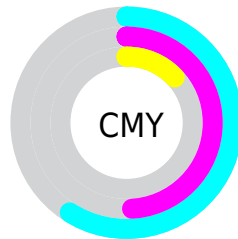
- Red (41%)
- Green (51%)
- Blue (87%)



- Red (41%)
- Yellow (49%)
- Blue (87%)



- Cyan (53%)
- Magenta (41%)
- Yellow (0%)
- Black (13%)



- Cyan (59%)
- Magenta (49%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.3010, -45.3030, 22.5770 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 133.3010, -45.3030, 22.5770 by changing the saturation by 10% instead.

■ 133.3010,
-45.3030, 22.5770

■ 133.3010,
-45.3030, 22.5770

■ 255.0000, -0.0000,
-0.0000

■ 106.4640,
-47.3200, 20.5840

■ 185.5160,
-35.9030, 17.4170

■ 79.3170, -51.4000,
17.4320

■ 210.0360,
-26.0440, 9.4440

■ 51.0660, -61.1190,
11.8490

■ 235.1430,
-16.4600, 0.9480

■ 35.7750, -46.9980,
14.7460

■ 253.5050, -2.9800,
-1.0600

■ 21.7720, -33.7480,
16.9080

■ 10.8180, -22.1940,
16.7660

■ 6.4350, -13.9860,

11.1820

■ 2.7530, -6.3740,
5.3860

■ 0.0000, 0.0000,
0.0000

■ 133.3010,
-45.3030, 22.5770

■ 133.3010,
-45.3030, 22.5770

■ 116.7440,
-53.7400, 26.8040

■ 149.8580,
-36.8660, 18.3500

■ 100.1870,
-62.1770, 31.0310

■ 166.4150,
-28.4290, 14.1230

■ 83.3310, -71.2100,
35.0460

■ 183.2710,
-19.3960, 10.1080

■ 66.7740, -79.6470,
39.2730

■ 199.8280,
-10.9590, 5.8810

■ 55.2450, -85.2870,
42.3690

■ 216.9720, -2.7970,
1.1310

■ 233.5290, 5.6400,
-3.0960

■ 248.8900, 11.6930,
-8.1710

■ 251.2380, 10.5930,
-10.2630

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



111.2380, -112.0540, -6.6940



133.3010, -45.3030, 22.5770



139.6300, 8.4750, 39.1550

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



133.3010, -45.3030, 22.5770



133.5570, 70.3310, 8.4350



105.2690, -80.0900, -46.3460

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



133.3010, -45.3030, 22.5770



192.6990, 45.3030, -22.5770

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



121.0640, -16.3610, -39.4090



133.3010, -45.3030, 22.5770



131.6620, 55.8930, -16.2590

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



133.3010, -45.3030, 22.5770



134.3730, 68.8140, 30.4300



128.2080, 27.3320, -32.7960



111.2140, -95.4520, -32.2520

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



133.3010, -45.3030, 22.5770



138.5810, 36.5340, 42.7580



128.2080, 27.3320, -32.7960



102.3850, -74.7250, -49.9650

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



133.3010, -45.3030, 22.5770



224.5440, -15.9110, 7.5210



183.5260, -61.3400, -33.7240



109.3720, -9.6750, 4.6370



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



133.3010, -45.3030, 22.5770



132.3010, -62.4980, 31.3420



126.7210, -19.4020, 43.2700



104.0150, -4.3560, 1.8520



43.5440, -67.4960, 33.8160



11.9290, -18.4330, 9.1750

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



142.3600, 61.6610, 33.4130



144.9550, 85.2710, 46.0630



198.9800, 18.8060, -43.4820



104.6310, 5.5930, 3.2650



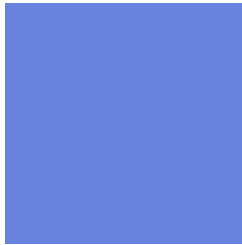
57.1840, 92.0560, 49.7520



15.6060, 25.0770, 13.5970

Previews

White Background



This preview shows how the YIQ color 133.3010, -45.3030, 22.5770 looks on a white background.

Color Contrast Check

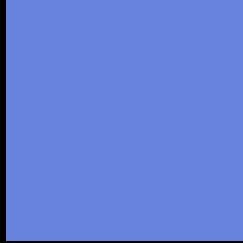
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 133.3010, -45.3030, 22.5770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

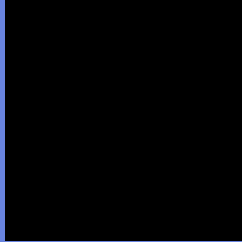
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 133.3010, -45.3030, 22.5770

Background



This preview shows how black text looks on a background with the YIQ color 133.3010, -45.3030, 22.5770.



This preview shows how white text looks on a background with the YIQ color 133.3010, -45.3030,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

133.3010, -45.3030, 22.5770

Protanopia

132.2080, -49.4750, 21.0930

Deuteranopia

129.5440, -59.4690, 14.9870



Tritanopia

127.2320, -41.9960, -9.8360

Trichromacy



Original Color

133.3010, -45.3030, 22.5770

Protanomaly

132.8060, -48.2830, 21.5170

Deuteranomaly

130.7620, -54.1510, 17.7290

Tritanomaly

129.4250, -43.5570, 1.9390

Monochromacy



Original Color

133.3010, -45.3030, 22.5770

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.7720, -16.5530, 8.1430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.3010, -45.3030, 22.5770 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(104, 131, 222)` looks like.

```
.text, #text, p{  
    color:rgb(104, 131, 222)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(104, 131, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 131, 222) }
```

Border

The CSS property to change the border of an element to YIQ 133.3010, -45.3030, 22.5770 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(104, 131, 222) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(104, 131, 222) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(104, 131, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 131, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 131, 222);  
box-shadow:4px 4px 4px 4px rgb(104, 131,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 133.3010, -45.3030, 22.5770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 131, 222) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(104,  
131, 222) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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